

FORM PTO-1449 (Modified) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Serial Sheets if Necessary) (37 CFR § 1.98(b))			U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: FORS-06910	Serial No.: 10/081,806	
			Applicant: James R. PRUDENT <i>et al.</i>				
			Filing Date: February 22, 2002		Group Art Unit:		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
 <i>JB</i>	1	6,001,567	12/14/99	Brow <i>et al.</i>	435	6	07/12/96
	2	5,994,069	11/30/99	Hall <i>et al.</i>	435	6	03/24/97
	3	5,985,557	11/16/99	Prudent <i>et al.</i>	435	6	11/26/96
	4	5,888,780	03/30/99	Dahlberg <i>et al.</i>	435	91.53	02/19/97
	5	5,882,867	03/16/99	Ullman <i>et al.</i>	435	6	07/07/95
	6	5,874,283	02/23/99	Harrington <i>et al.</i>	435	252	05/30/95
	7	5,846,717	12/08/98	Brow <i>et al.</i>	435	6	01/24/97
	8	5,843,669	12/01/98	Kaiser <i>et al.</i>	435	6	11/29/96
	9	5,843,654	12/01/98	Heisler <i>et al.</i>	435	6	07/07/95
	10	5,837,450	11/17/98	Dahlberg <i>et al.</i>	435	6	06/06/95
	11	5,830,664	11/03/98	Rosemeyer <i>et al.</i>	435	6	07/11/95
	12	5,795,763	08/18/98	Dahlberg <i>et al.</i>	435	194	06/06/95
	13	5,792,614	08/11/98	Western <i>et al.</i>	435	6	08/02/96
	14	5,783,392	07/21/98	Seibl <i>et al.</i>	435	6	11/22/95
	15	5,719,028	02/17/98	Dahlberg <i>et al.</i>	435	6	02/06/97
	16	5,698,400	12/16/97	Cotton <i>et al.</i>	435	6	09/16/96
	17	5,691,142	11/25/97	Dahlberg <i>et al.</i>	435	6	06/06/96
	18	5,614,402	03/25/97	Dahlberg <i>et al.</i>	435	199	06/06/94
	19	5,601,976	02/11/97	Yamane <i>et al.</i>	435	6	09/16/92
	20	5,545,729	08/13/96	Goodchild <i>et al.</i>	536	24.5	12/22/94
	21	5,541,311	07/30/96	Dahlberg <i>et al.</i>	536	23.7	06/04/93
	22	5,494,810	02/27/96	Barany <i>et al.</i>	435	91.52	11/22/94
	23	5,487,972	01/30/96	Geland <i>et al.</i>	435/6	435/91.2	01/05/93
	24	5,427,930	06/27/95	Birkenmeyer <i>et al.</i>	435	91.52	06/28/91
	25	5,422,253	06/06/95	Dahlberg <i>et al.</i>	435	91.53	12/07/92
	26	5,407,795	04/18/95	Kolberg <i>et al.</i>	435	5	10/15/93
	27	5,403,711	04/04/95	Walder <i>et al.</i>	435	6	07/06/93
	28	5,660,988	08/26/97	Duck <i>et al.</i>	435/6	536/24.3	6/7/95
	29	5,380,833	06/10/95	Urdea	536	22.1	12/13/91
	30	5,210,015	05/11/93	Gelfand <i>et al.</i>	435	6	05/11/93
Examiner: <i>Jeffrey Stein</i>			Date Considered: <i>1/17/03</i>				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (Modified) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Seven Sheets If Necessary) (37 CFR § 1.98(b))				Attorney Docket No.: FORS-06910		Serial No.: 10/081,806		
				Applicant: James R. PRUDENT <i>et al.</i>				
				Filing Date: February 22, 2002		Group Art Unit:		
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
<i>JS</i>	31	5,144,019	09/01/92	Rossi	536	27	06/21/89	
	32	5,118,605	06/02/92	Urdea	435	6	09/29/88	
	33	5,108,892	04/28/92	Burke <i>et al.</i>	435	6	08/03/89	
	34	5,030,557	07/09/91	Hogan <i>et al.</i>	435	6	11/24/87	
	35	5,011,769	04/30/91	Duck <i>et al.</i>	435	6	04/29/88	
	36	4,876,187	10/24/89	Duck <i>et al.</i>	435	6	12/05/85	
	37	4,818,680	04/04/89	Collins <i>et al.</i>	435	6	12/18/85	
	38	4,775,619	10/04/88	Urdea	435	6	10/16/84	
	39	4,683,202	07/28/87	Mullis	435	91	10/25/85	
	40	4,683,195	07/28/87	Mullis <i>et al.</i>	435	6	02/07/86	
	41	4,683,194	07/28/87	Saiki <i>et al.</i>	435/6	935/78	03/28/85	
	42	4,518,526	05/21/85	Olson	260	112	06/01/84	
	43	4,512,922	04/23/85	Jones <i>et al.</i>	260	112	06/01/84	
	44	4,511,503	04/16/85	Olson <i>et al.</i>	260	112	06/01/84	
<i>JS</i>	45	4,511,502	04/16/85	Builder <i>et al.</i>	260	112	06/01/84	
<b>FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS</b>								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
<i>JS</i>	46	90/01069	02/08/90	PCT	C12Q	1/68		
	47	92/06200	04/16/92	PCT	C12N	15/54		
	48	91/09950	07/11/91	PCT	C12N	15/54		
	49	90/15157	12/13/90	PCT	C12Q	1/68		
	50	96/40999	12/19/96	PCT	C12Q	C10P 19/34		
	51	94/29482	12/22/94	PCT	C12Q 1/68	C12P 19/34		
	52	95/14106	05/26/95	PCT	C12Q	1/68		
	53	92/02638	02/20/92	PCT	C12Q 1/68	1/70		
	54	89/09284	10/05/89	PCT	C12Q	1/68		
	55	96/20287	07/04/96	PCT	C12Q 1/68	1/44		
	56	0 411 186 A1	02/06/91	European Patent Application	C12Q	1/68		
<i>JS</i>	57	0 482 714 A1	10/22/91	European Patent Application	C12Q	1/68		

*Jeffrey S.**1/17/03*

FORM PTO-1449 (Modified) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Seveal TRADEMARKS if necessary) (37 CFR § 1.98(b))		U.S. Department of Commerce Patent and Trademark Office	
		Attorney Docket No.: FORS-06910      Serial No.: 10/081,806	
		Applicant: James R. PRUDENT <i>et al.</i> Filing Date: February 22, 2002      Group Art Unit:	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>			
<i>JS</i>	58	Abrams <i>et al.</i> , "Comprehensive Detection of Single Base Changes in Human Genomic DNA Using Denaturing Gradient Gel Electrophoresis and a GC Clamp," <i>Genomics</i> 7:463-475 (1990)	
	59	Akhmetzhanov and Vakhitov, "Molecular cloning and nucleotide sequence of the DNA polymerase gene from <i>Thermus flavus</i> ," <i>Nucl. Acids Res.</i> 20:5839 (1992)	
	60	Altamirano <i>et al.</i> , "Identification of Hepatitis C Virus Genotypes among Hospitalized Patients in British Columbia, Canada," <i>J. Infect. Dis.</i> 171:1034-1038 (1995).	
	61	Anderson and Young, "Quantitative Filter Hybridization", in <i>Nucleic Acid Hybridization</i> , Eds Hames & Higgins, IRL Press, Washington, DC, pp. 73-111 (1985)	
	62	Electrophoresis, 2nd Edition, ed. Anthony T. Andrews, Clarendon Press, New York, New York (1986), pp. 153-154	
	63	Antao <i>et al.</i> "A thermodynamic study of unusually stable RNA and DNA hairpins," <i>Nucl. Acids Res.</i> 19:5901-5905 (1991)	
	64	Bambara <i>et al.</i> , "Enzymes and Reactions at the Eukaryotic DNA Replication Fork," <i>J. Biol. Chem.</i> 272:4647-4650 (1997)	
	65	Barany, "Genetic disease detection and DNA amplification using cloned thermostable ligase," <i>Proc. Natl. Acad. Sci.</i> , 88:189-193 (1991)	
	66	Barany, "The Ligase Chain Reaction in a PCR World," <i>PCR Methods and Applic.</i> , 1:5-16 (1991)	
	67	Bardwell <i>et al.</i> , "Specific Cleavage of Model Recombination and Repair Intermediates by the Yeast Rad1-Rad10 DNA Endonuclease," <i>Science</i> 265:2082-2085 (1994)	
	68	Barnes <i>et al.</i> , "Mechanism of Tracking and Cleavage of Adduct-damaged DNA Substrates by the Mammalian 5'- to 3' Exonuclease/Endonuclease RAD2 Homologue 1 or Flap Endonuclease 1", <i>J. Biol. Chem.</i> 271:29624-29632 (1996)	
	69	Bergscid <i>et al.</i> , "A High Fidelity Thermostable DNA Polymerase Isolated from <i>Pyrococcus Furiosus</i> ," <i>Strategies</i> 4:34-35 (1991)	
	70	Bhagwat <i>et al.</i> , "The 5'-Exonuclease Activity of Bacteriophage T4 RNase H is Stimulated by the T4 Gene 32 Single-stranded DNA-binding Protein, but Its Flap Endonuclease Is Inhibited," <i>J. Biol. Chem.</i> 272:28523-28530 (1997);	
	71	Bonch-Osmolovskaya, <i>et al.</i> , <i>Microbiology</i> (Engl. Transl. of <i>Mikrobiologiya</i> ) 57:78-85 (1988)	
	72	Brutlag <i>et al.</i> , "An Active Fragment of DNA Polymerase Produced By Proteolytic Cleavage," <i>Biochem. Biophys. Res. Commun.</i> 37:982-989 (1969)	
	73	Brow <i>et al.</i> , "Differentiation of Bacterial 16S rRNA Genes and Intergenic Regions and <i>Mycobacterium tuberculosis katG</i> Genes by Structure-Specific Endonuclease Cleavage," <i>J. of Clin. Micro.</i> 34:3129-3137 (1996)	
	74	Carballeira <i>et al.</i> , "Purification of a Thermostable DNA Polymerase from <i>Thermus thermophilus</i> HB8, Useful in the Polymerase Chain Reaction," <i>Biotechniques</i> 9:276-281 (1990)	
	75	Ceska <i>et al.</i> , "A helical arch allowing single-stranded DNA to thread through T5 5'-exonuclease," <i>Nature</i> 382:90-93 (1996)	
	76	Ceska <i>et al.</i> , "Structure-specific DNA cleavage by 5' nucleases," <i>ITIPS</i> 23 (1998)	
	77	Copley and Boot, "Exonuclease Cycling Assay: An Amplified Assay for the Detection of Specific DNA Sequences," <i>BioTechniques</i> 13:888-891 (1992)	
	78	Cuthbert, "Hepatitis C:Progress and Problems," <i>Clin. Microbiol. Rev.</i> 7:505-532 (1994)	
	79	DeMott <i>et al.</i> , "Human RAD2 Homolog 1 5'-3'-Exo/Endonuclease Can Efficiently Excise a Displaced DNA Fragment Containing a 5'-Terminal Abasic Lesion by Endonuclease Activity," <i>J. Biol. Chem.</i> 271:30068-30076 (1996)	
	80	Doty <i>et al.</i> , "Strand Separation and Specific Recombination in Deoxyribonucleic Acids: Physical Chemical Studies," <i>Proc. Natl. Acad. Sci. USA</i> 46:461-476 (1960)	
	81	Duck <i>et al.</i> , "Probe Amplifier System Based on Chimeric Cycling Oligonucleotides," <i>BioTech.</i> , 9:142-147 (1990)	
	82	Dunn <i>et al.</i> , "Complete Nucleotide Sequence of Bacteriophage T7 DNA and the Locations of T7 Genetic Elements," <i>J. Mol. Biol.</i> 166:477-535 (1983)	
	Examiner: <i>Jeffrey Lurin</i>		Date Considered: <i>1/17/03</i>
	<b>EXAMINER:</b> Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: FORS-06910	Serial No.: 10/081,806
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)		JUN 07 2002 TRADEMA		Applicant: James R. PRUDENT <i>et al.</i>	
				Filing Date: February 22, 2002	Group Art Unit:
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
83	Engelke, "Purification of <i>Thermus Aquaticus</i> DNA Polymerase Expressed in <i>Escherichia coli</i> ," <i>Anal. Biochem</i> 191:396-400 (1990)				
84	Eom <i>et al.</i> , "Structure of <i>Taq</i> polymerase with DNA at the polymerase active site," <i>Nature</i> 382:278-282 (1996)				
85	Erlich <i>et al.</i> , "Recent Advances in the Polymerase Chain Reaction," <i>Science</i> 252:1643-1651 (1991)				
86	Fahy <i>et al.</i> , "Self-sustained Sequence Replication (3SR): An Isothermal Transcription-based Amplification System Alternative to PCR," <i>PCR Meth. Appl.</i> , 1:25-33 (1991)				
87	Garforth <i>et al.</i> , "Structure-specific DNA binding by bacteriophage T5 5'→3' exonuclease," <i>Nucleic Acids Res.</i> 25:3801-3807 (1997)				
88	Gelfand, <i>PCR Technology - Principles and Applications for DNA Amplification</i> (H.A. Erlich, Ed.), Stockton Press, New York, p. 19 (1989)				
89	Guatelli <i>et al.</i> , "Isothermal, <i>in vitro</i> amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication," <i>Proc. Natl. Acad. Sci.</i> , 87:1874-1878 (1990) with an erratum at <i>Proc. Natl. Acad. Sci.</i> , 87:7797 (1990)				
90	Harrington <i>et al.</i> , "DNA Structural Elements Required for FEN-1 Binding," <i>J. Biol. Chem.</i> 270:4503-4508 (1995)				
91	Harrington <i>et al.</i> , "The characterization of a mammalian DNA structure-specific endonuclease," <i>EMBO Journ.</i> 13:1235-1246 (1994)				
92	Harrington and Lieber, "Functional domains within FEN-1 and RAD2 define a family of structure-specific endonucleases: implications for nucleotide excision repair," <i>Genes and Develop.</i> 8:1344-1355 (1994)				
93	Hayashi, "PCR-SSCP: A Simple and Sensitive Method for Detection of Mutations in the Genomic DNA," <i>PCR Meth. Appl.</i> , 1:34-38, (1991)				
94	Higuchi, R., (Ehrlich, H.A. (Ed.)), <i>PCR Technology: Principles and Applications for DNA Amplification</i> , Stockton Press, pp. 61-70 (1991)				
95	Hirano <i>et al.</i> , "Most compact hairpin-turn structure exerted by a short DNA fragment, d(GCGAAGC) in solution: an extraordinarily stable structure resistant to nucleases and heat," <i>Nuc. Acids Res.</i> 22:576-582 (1994)				
96	Holland <i>et al.</i> , "Detection of specific polymerase chain reaction product by utilizing the 5'-3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase," <i>Proc. Natl. Acad. Sci. USA</i> 88:7276-7280 (1991)				
97	Hosfield <i>et al.</i> , "Structure of the DNA Repair and Replication Endonuclease and Exonuclease FEN-1: Coupling DNA and PCNA Binding to FEN-1 Activity," <i>Cell</i> 95:135-146 (1996)				
98	Hosfield <i>et al.</i> , "Newly Discovered Archaeabacterial Flap Endonucleases Show a Structure-Specific Mechanism for DNA Substrate Binding and Catalysis Resembling Human Flap Endonuclease-1," <i>J. Biol. Chem.</i> 273:27154-17161				
99	Huang <i>et al.</i> , "Role of Calf RTH-1 Nuclease in Removal of 5'-Ribonucleotides during Okazaki Fragment Processing," <i>Biochemistry</i> 35:9266-9277 (1996)				
100	Hwang <i>et al.</i> , "The crystal structure of flap endonuclease-1 from <i>Methanococcus jannaschii</i> ," <i>Nature Structural Biology</i> 5:707-713 (1998);				
101	Inchauspe <i>et al.</i> , "Use of Conserved Sequences from Hepatitis C Virus for the Detection of Viral RNA in Infected Sera by Polymerase Chain Reaction," <i>Hepatology</i> 14:595-600 (1991)				
102	Ito <i>et al.</i> , "Compilation and alignment of DNA polymerase sequences," <i>Nucl. Acids Res.</i> 19:4045-4057 (1991)				
103	Jacob and Monod, "On the Regulation of Gene Activity," <i>Cold Springs Harbor Symposium on Quantitative Biol.</i> XXVI:193-211 (1961)				
104	Johnson <i>et al.</i> , "Requirement of the Yeast RTH-1 5' to 3' Exonuclease for the Stability of Simple Repetitive DNA," <i>Science</i> 269:238-240 (1995)				
105	Kaledin <i>et al.</i> , "Isolation and Properties of DNA Polymerase From the Extremely Thermophilic Bacterium <i>Thermus flavus</i> ," <i>Biokhimiya</i> 46(9):1576-1584 (1981)				
106	Kim <i>et al.</i> , "Crystal structure of <i>Thermus aquaticus</i> DNA polymerase," <i>Nature</i> 376:612-616 (1995)				
107	Kornberg, <i>DNA Replication</i> , W.H. Freeman and Co., San Francisco, pp. 127-139 (1980)				
108	Kotler <i>et al.</i> , "DNA sequencing: Modular primers assembled from a library of hexamers or pentamers," <i>Proc. Natl. Acad. Sci. USA</i> 90:4241-4245 (1993)				
109	Kwoh <i>et al.</i> , "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format," <i>Proc. Natl. Acad. Sci.</i> , 86:1173-1177 (1989)				
110	Kwok <i>et al.</i> , "Effects of primer-template mismatches on the polymerase chain reaction: Human immunodeficiency virus type 1 model studies," <i>Nucl. Acids Res.</i> , 18:999-1005 (1990)				
Examiner:	Jeffrey Lau		Date Considered:	11/17/03	
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: FORS-06910	Serial No.: 10/081,806
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)		Applicant: James R. PRUDENT <i>et al.</i>		
		Filing Date: February 22, 2002		Group Art Unit:
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)				
111	Landegren, "Molecular mechanics of nucleic acid sequence amplification," <i>Trends in Genetics</i> 9:199-204 (1993)			
112	Lawyer <i>et al.</i> , "Isolation, Characterization, and Expression in <i>Escherichia coli</i> of the DNA Polymerase Gene from <i>Thermus aquaticus</i> ," <i>J. Biol. Chem.</i> 264:6427-6437 (1989)			
113	Leirmo <i>et al.</i> , "Replacement of Potassium Chloride by Potassium Glutamate Dramatically Enhances Protein-DNA Interactions in Vitro," <i>Biochem.</i> 26:2095-2101 (1987)			
114	Levine, "The Tumor Suppressor Genes," <i>Annu. Rev. Biochem.</i> 62:623 (1993)			
115	Li <i>et al.</i> , "Lagging Strand DNA Synthesis at the Eukaryotic Replication Fork Involves Binding and Stimulation of FEN-1 by Proliferating Cell Nuclear Antigen," <i>J. Biol. Chem.</i> 270:22109-22112 (1995)			
116	Lieber, "The FEN-1 family of structure-specific nucleases in eukaryotic DNA replication, recombination and repair," <i>BioEssays</i> 19:233-240 (1997)			
117	Lindahl, <i>et al.</i> , "Deoxyribonuclease IV: A New Exonuclease From Mammalian Tissues," <i>Proc. N.A.S.</i> 62:597-603 (1968)			
118	Lindahl and Karlström, "Heat-Induced Depyrimidination of Deoxyribonucleic Acid in Neutral Solution," <i>Biochem.</i> 12:5151-5154 (1973)			
119	Longley <i>et al.</i> , "Characterization of the 5' to 3' exonuclease associated with <i>Thermus aquaticus</i> DNA polymerase," <i>Nucl. Acids Res.</i> 18:7317-7322 (1990)			
120	Lundquist, <i>et al.</i> , "Transient Generation of Displaced Single-Stranded DNA during Nick Translation," <i>Cell</i> 31:53-60 (1982)			
121	Lyamichev <i>et al.</i> , "Structure-Specific Endonucleolytic Cleavage of Nucleic Acids by Eubacterial DNA Polymerases," <i>Science</i> 260:778-783 (1993)			
122	Marmur and Lane, "Strand Separation and Specific Recombination in Deoxyribonucleic acids: Biological Studies," <i>Proc. Natl. Acad. Sci. USA</i> 46:453-461 (1960)			
123	Mathur <i>et al.</i> , "The DNA polymerase gene from the hyperthermophilic marine archaebacterium <i>Pyrococcus furiosus</i> , shows sequence homology with $\alpha$ -like DNA polymerases," <i>Nucl. Acids Res.</i> 19:6952 (1991)			
124	Milligan and Ublenbeck, "Synthesis of Small RNAs Using T7 RNA Polymerase," <i>Methods Enzymol.</i> 180:51 (1989)			
125	Milligan <i>et al.</i> , "Oligoribonucleotide synthesis using T7 RNA polymerase and synthetic DNA templates," <i>Nucl. Acids. Res.</i> 15(21): 8783-8789 (1987)			
126	Mullis, "The Polymerase Chain Reaction in an Anemic Mode: How to Avoid Cold Oligodeoxyribonuclear Fusion," <i>PCR Methods Appl.</i> , 1:1-4 (1991)			
127	Mullis and Falona, "Specific Synthesis of DNA <i>in Vitro</i> via a Polymerase-Catalyzed Chain Reaction," <i>Methods in Enzymology</i> 155:335-350 (1987)			
128	Murante <i>et al.</i> , "Calf 5' to 3' Exo/Endonuclease Must Slide from a 5' End of the Substrate to Perform Structure-specific Cleavage," <i>J. Biol. Chem.</i> 270:30377-30383 (1995)			
129	Murante <i>et al.</i> , "The Calf 5' to 3'-Exonuclease Is Also an Endonuclease with Both Activities Dependent on Primers Annealed Upstream of the Point of Cleavage," <i>J. Biol. Chem.</i> 269:1191-1196 (1994)			
130	Murray <i>et al.</i> , "Structural and Functional Conservation of the Human Homolog of the <i>Schizosaccharomyces pombe rad2</i> gene, Which is Required for Chromosome Segregation and Recovery from DNA Damage," <i>Molecular and Cellular Biology</i> 14:4878-4888 (1994)			
131	Myers <i>et al.</i> , "Reverse Transcription and DNA amplification by a <i>Thermus thermophilus</i> DNA Polymerase," <i>Biochem.</i> 30:7661-7666 (1991)			
132	Nielsen PE <i>et al.</i> , "Peptide nucleic acids (PNAs): Potential anti-sense and anti-gene agents," <i>Anticancer Drug Des.</i> 8:53-63 (1993)			
133	Nolan <i>et al.</i> , "Kinetic Analysis of Human Flap Endonuclease-1 by Flow Cytometry," <i>Biochemistry</i> 35:11668-11677 (1996)			
134	Nugent <i>et al.</i> , "Characterization of the Apurinic Endonuclease Activity of <i>Drosophila Rp1</i> ," <i>Biochemistry</i> 32:11445-11452 (1993)			
135	Perler <i>et al.</i> , "Intervening sequences in an Archaea DNA polymerase gene," <i>Proc. Natl. Acad. Sci. USA</i> 89:5577-5581 (1992)			
136	Pontius and Berg, "Rapid renaturation of complementary DNA strands mediated by cationic detergents: A role for high-probability binding domains in enhancing the kinetics of molecular assembly processes," <i>Proc. Natl. Acad. Sci. USA</i> 88:8237-8241 (1991)			
Examiner: <i>Jeffrey S.</i>	Date Considered: 1/17/03			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

FORM PTO-1449 (Modified) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Several Sheets If Necessary) (37 CFR § 1.98(b))		Department of Commerce Patent and Trademark Office	
		Attorney Docket No.: FORS-06910	Serial No.: 10/081,806
		Applicant: James R. PRUDENT <i>et al.</i> Filing Date: February 22, 2002 Group Art Unit:	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>			
137 Rao <i>et al.</i> , "Methanococcus jannaschii Flap Endonuclease: Expression, Purification, and Substrate Requirements," <i>J. of Bacteriology</i> 180:5406-5412 (1998); 138 Reagan <i>et al.</i> , "Characterization of a Mutant Strain of <i>Saccharomyces cerevisiae</i> with a Deletion of the <i>RAD27</i> Gene, a Structural Homolog of the <i>RAD2</i> Nucleotide Excision Repair Gene," <i>J. of Bacteriology</i> 177:364-371 (1995); 139 Saiki <i>et al.</i> , "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <i>Science</i> 239:487-491 (1988); 140 Sambrook <i>et al.</i> , <u>Molecular Cloning. A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, pp. 1.63-1.69 (1989); 141 Setlow and Kornberg, "Deoxyribonucleic Acid Polymerase: Two Distinct Enzymes in One Polypeptide," <i>J. Biol. Chem.</i> 247:232-240 (1972); 142 Siegal <i>et al.</i> , "A 5' to 3' exonuclease functionally interacts with calf DNA polymerase $\epsilon$ ," <i>Proc. Natl. Acad. Sci. USA</i> 89:9377-9381 (1992); 143 Shen <i>et al.</i> , "Flap endonuclease homologs in archaeabacteria exist as independent proteins," <i>TIBS</i> 23 (1998); 144 Shen <i>et al.</i> , "Essential Amino Acids for Substrate Binding and Catalysis of Human Flap Endonuclease 1," <i>J. of Biol. Chem.</i> 271:9173-9176 (1996); 145 Smith <i>et al.</i> , "Novel Method of Detecting Single Base Substitutions in RNA Molecules by Differential Melting Behavior in Solution," <i>Genomics</i> 3:217-223 (1988); 146 Sommers <i>et al.</i> , "Conditional Lethality of Null Mutations in <i>RTH1</i> That Encodes the Yeast Counterpart of a Mammalian 5'- to 3'-Exonuclease Required for Lagging Strand DNA Synthesis in Reconstituted Systems," <i>J. Biol. Chem.</i> 270:4193-4196 (1995); 147 Stark, "Multicopy expression vectors carrying the <i>lac</i> repressor gene for regulated high-level expression of genes in <i>Escherichia coli</i> ," <i>Gene</i> 5:255-267 (1987); 148 Studier and Moffatt, "Use of Bacteriophage T7 RNA Polymerase to Direct Selective High-level Expression of Cloned Genes," <i>J. Mol. Biol.</i> 189:113-130 (1986); 149 Tindall and Kunkel, "Fidelity of DNA by the <i>Thermus aquaticus</i> DNA Polymerase," <i>Biochem.</i> 27:6008-6013 (1988); 150 Turchi <i>et al.</i> , "Enzymatic completion of mammalian lagging-strand DNA replication," <i>Proc. Natl. Acad. Sci. USA</i> 91:9803-9807 (1994); 151 Uhlenbeck, "A small catalytic oligoribonucleotide," <i>Nature</i> 328:596-600 (1987); 152 Urdea <i>et al.</i> , "A novel method for the rapid detection of specific nucleotide sequences in crude biological samples without blotting or radioactivity; application to the analysis of hepatitis B virus in human serum," <i>Gene</i> 61:253-264 (1987); 153 Wu and Wallace, "The Ligation Amplification Reaction (LAR) - Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation," <i>Genomics</i> 4:560-569 (1989); 154 Wu <i>et al.</i> , "Processing of branched DNA intermediates by a complex of human FEN-1 and PCNA," <i>Nucleic Acids Research</i> 24:2036-2043 (1996); 155 Xu <i>et al.</i> , "Biochemical and Mutational Studies of the 5'-3' Exonuclease of DNA Polymerase I of <i>Escherichia coli</i> ," <i>J. Mol. Biol.</i> 268:284-302 (1997); 156 Zwickl <i>et al.</i> , "Glyceraldehyde-3-Phosphate Dehydrogenase from the Hyperthermophilic Archaeabacterium <i>Pyrococcus woesei</i> : Characterization of the Enzyme, Cloning and Sequencing of the Gene, and Expression in <i>Escherichia coli</i> ," <i>J. Bact.</i> 172:4329-4338 (1990); 157 Hiraoka <i>et al.</i> , "Sequence of human FEN-1, a structure specific endonuclease, and chromosomal localization of the gene (FEN1) in mouse and human," <i>Genomics</i> 25:220-225 (1995); 158 Augustyns <i>et al.</i> , "Hybridization specificity, enzymatic activity and biological (Ha-ras) activity of oligonucleotides containing 2,4-dideoxy-beta-D-erythro-hexopyranosyl nucleosides," <i>Nucleic Acids Res.</i> 21:4670-4676 (1993); 159 Agrawal <i>et al.</i> , "Modified oligonucleotides as therapeutic and diagnostic agents," <i>Current Opinion in Biotechnology</i> , 6:12-19 (1995); 160 Corey, "4800-fold Acceleration of Hybridization of Chemically Modified Oligonucleotides," <i>J. of the Amer. Chem. Soc.</i> 117:9373-9374 (1995); 161 Cotton, "Current methods of mutation detection," <i>Mutation Research</i> 285:125-144 (1993); 162 Schmidt <i>et al.</i> , "The use of oligonucleotide probes containing 2'-deoxy-2'-fluorouracil nucleosides for regiospecific cleavage of RNA by RNaseH from <i>Escherichia coli</i> ," <i>Biochimica et Biophysica Acta</i> 1130:41-46 (1991);			
Examiner:	<i>Jeffrey Sun</i>	Date Considered:	<i>1/16/03</i>
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

